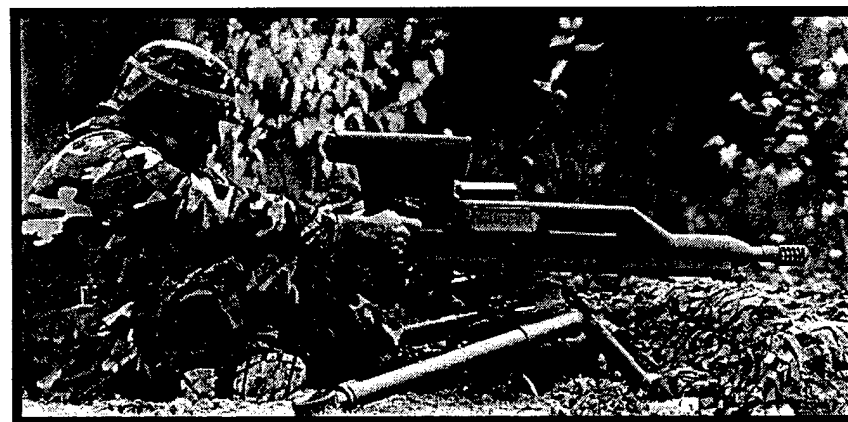




Objective Family of Small Arms



Vernon E. Shisler
System Manager
Objective Family Small Arms

U.S. Army ARDEC
Joint Service Small Arms Program (JSSAP)
Picatinny Arsenal, NJ 07806-5000
973-724-6009

Tank-automotive & Armaments COMmand
Committed to Excellence

Small Arms Master Plan



- Living Document
- Approved By All Services
- Current Plans
- Road Map to Future
- Document Just Updated

SMALL ARMS EVOLUTION

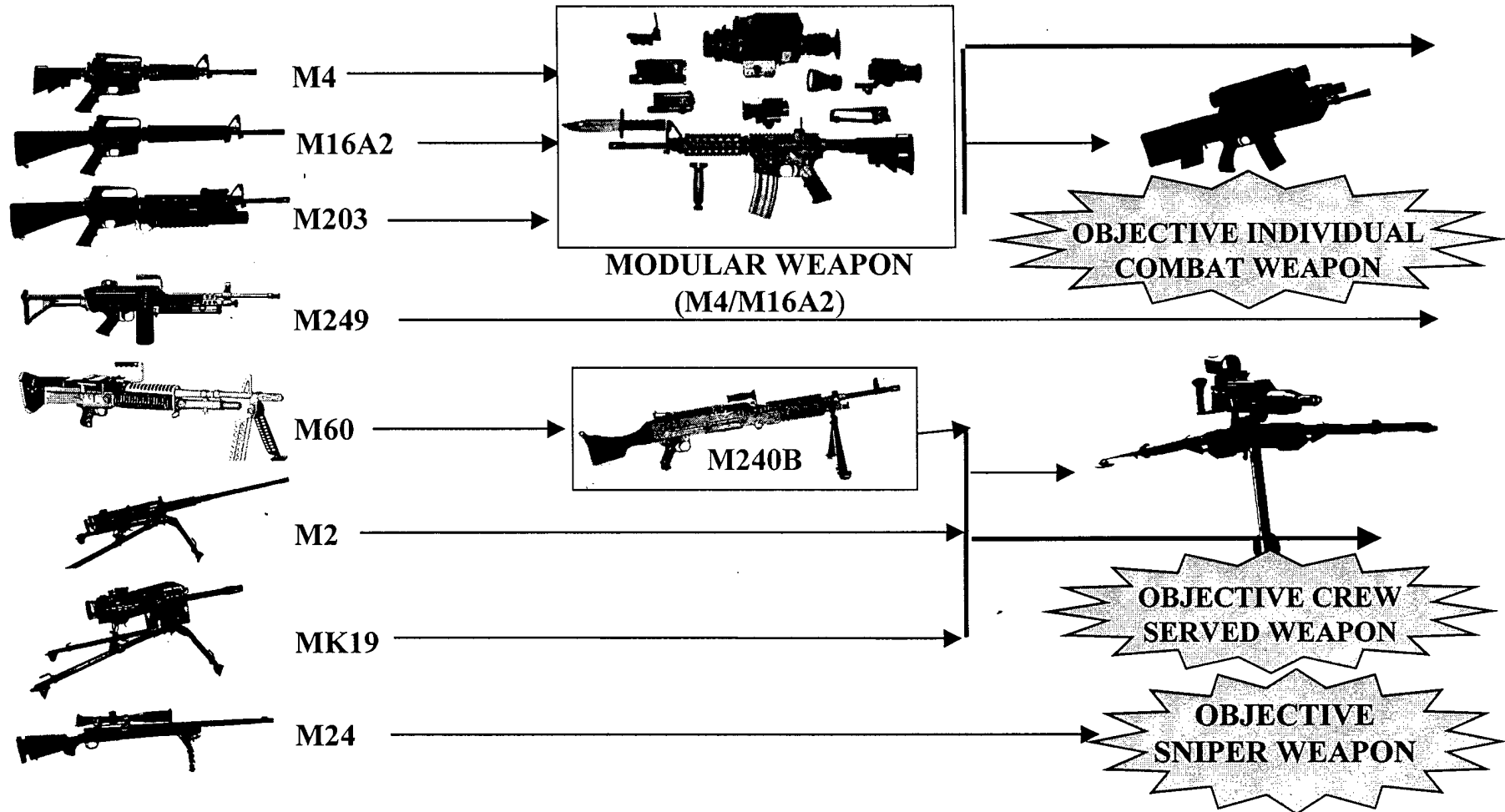
(Master Plan)



PRESENT SYSTEMS

EMERGING SYSTEMS

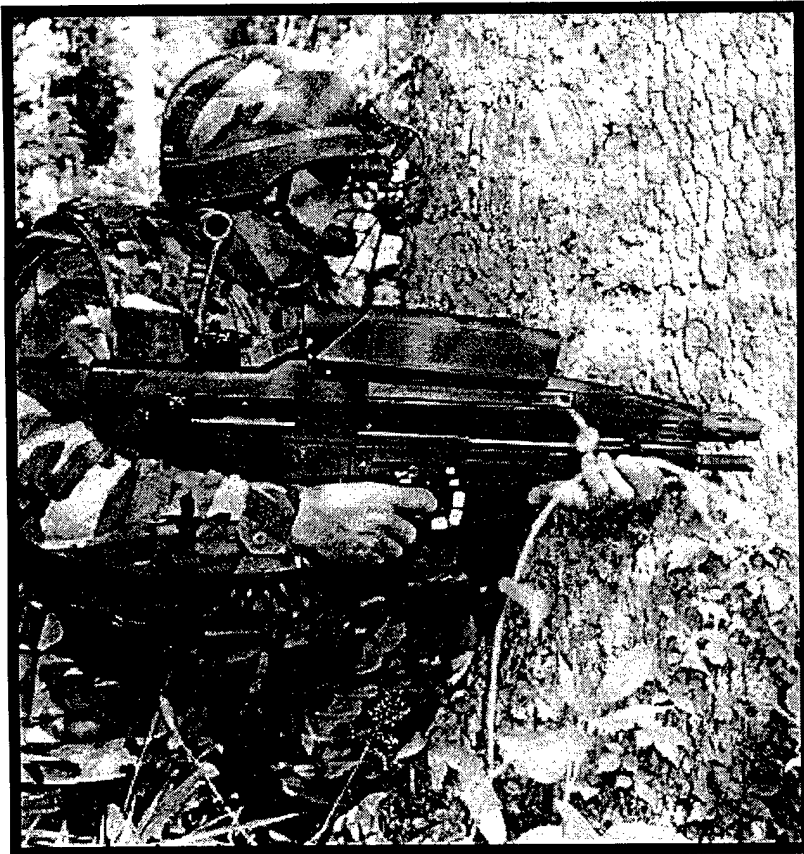
FUTURE SYSTEMS



Objective Family of Small Arms



Objective Individual Combat Weapon



- Next Generation Individual Weapon
- Replace Selected Rifles
- Lethality Upgrade to Land Warrior
- Troop Demonstrations FY99
- Transition to PM Small Arms FY00
- First Unit Equipped FY06

Objective Family of Small Arms



Objective Individual Combat Weapon



Concept

- **Dual Mmunition Weapon**
 - 20mm Airbursting**
 - 5.56 mm KE**
- **Separable Systems**
- **Full Solution Fire Control**
- **Defeats Targets the M16 Cannot**
- **Increased Stand-Off to 1000m**

Contractor Team

- **Alliant Techsystems**
- **Heckler & Koch**
- **Contraves Brashear**

Objective Family of Small Arms



Objective Crew Served Weapon



- Next Generation Crew Served Weapon
- Replace Selected Medium & Heavy Machine-Guns
- Lethality Connectivity to Land Warrior
- Troop Demonstrations FY01
- Transition to PM Small Arms FY02
- First Unit Equipped FY08

Objective Family of Small Arms



Objective Crew Served Weapon



Concept

- Ultra-Light Two Man Portable
- Family of 25mm Munitions
 - Air Bursting
 - Armor Penetration
- Defeats Defilade Targets
- Increased Survivability
- Increased Kills / Combat Load

Contractor Team

- Primex Technologies
- General Dynamics
- Dayron
- Contraves Brashear

Objective Family of Small Arms



Objective Individual
Combat Weapon

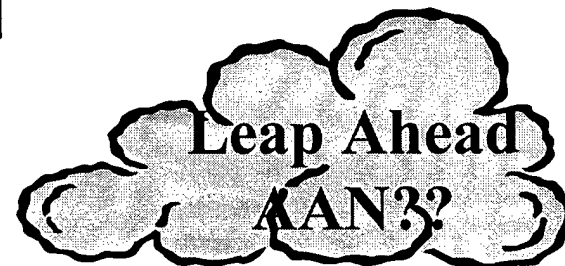
~~Objective Personal
Weapon~~

Next Generation Small Arms

Objective Crew
Served Weapon

Mission Specific
Weapons

Advanced Medium
Machine Gun



Biography for Mr. Victor Galgano

Mr. Galgano joined the Government in 1967. He spent his first 10 years in the Fuze Division in electronic fuzing and the last 21 years in the Fire Control and Software Engineering Division.

Mr. Galgano received BS in electrical engineering from Newark College of Engineering in 1967 and a Master of Science in Electrical Engineering from Newark College of Engineering in 1971.

Mr. Galgano is currently the chief of the Indirect Fire Branch in the Fire Control and Software Engineering Division, FSAC, TACOM-ARDEC. In this capacity, he is responsible for Fire Control Systems for all indirect fire mortar and artillery weapon platforms.

Prior to his current assignment, Mr. Galgano served as the Chief of the Armored Vehicle Team from 1984-1994 and as the Development Project Officer for Mortar Fire Control Systems from 1994-1996.